AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently amended) A method ~~of testing a device of a mobile station, the method~~ comprising:

generating an electric test signal for testing a device of a mobile station;

feeding the electric test signal to the device by a feeding line;

measuring an electric quantity from the feeding line by a measurement unit integrated into the mobile station;

determining an electric response of the device to the electric test signal based on the electric quantity; and

performing at least a portion of the testing procedure for testing the mobile station by using a functional unit integrated into the mobile station, the testing procedure comprising generating the electric test signal and determining the electric response of the device.

2. (Previously presented) The method of claim 1, further comprising evaluating performance of the device based on the electric response.

3. (Previously presented) The method of claim 1, further comprising connecting the measurement unit to the feeding line.

4. (Previously presented) The method of claim 1, wherein the step of generating the electric test signal comprises generating the electric test signal by a signal generator integrated at least partially into the mobile station.

5. (Previously presented) The method of claim 1, wherein determining the electric response further comprises determining the electric response of the device to the electric test signal by an analyser integrated at least partially into the mobile station.

6. (Previously presented) The method of claim 1, further comprising:

measuring the voltage of the electric test signal over the device; and

determining the electric response of the device to the electric test signal, based on the voltage.

7. (Previously presented) The method of claim 1, further comprising:

generating a predefined electric test signal for testing a device with a known electric response to the predefined electric test signal; and

evaluating performance of the device based on the known electric response and the electric response of the device to the electric test signal.

8. (Previously presented) The method of claim 1, wherein the step of measuring comprises measuring the electric quantity by a measurement unit with an input impedance chosen such that the accuracy of the electric response of the device to the electric test signal is above a predefined value.

9. (Previously presented) The method of claim 1, further comprising connecting a measurement unit measuring the electric quantity to a feeding line of a device of plurality of devices; and

measuring the electric quantity from a feeding line of a device of plurality of devices.

10. (Previously presented) The method of claim 1, wherein the device is a peripheral device.

11. (Previously presented) An arrangement for testing a device of a mobile station, comprising:

a signal generator for generating an electric test signal for testing a device;

a feeding line connected to the signal generator and the device, for feeding the electric test signal to the device;

a measurement unit connected to the feeding line, for measuring an electric quantity from the feeding line;

an analyser connected to the measurement unit, for determining an electric response of the device to the electric test signal based on the electric quantity;

wherein at least a portion of a testing arrangement is integrated into the mobile station, the testing arrangement comprising the signal generator and the analyser.

12. (Previously presented) The arrangement of claim 11, wherein the arrangement further comprises an evaluating unit connected to the analyser for evaluating performance of the device based on the electric response.

13. (Previously presented) The arrangement of claim 11, wherein the mobile station comprises a switching unit for connecting the measurement unit to the feeding line.

14. (Previously presented) The arrangement of claim 11, wherein at least a portion of the signal generator is integrated into the mobile station.

15. (Previously presented) The arrangement of claim 11, wherein at least a portion of the analyser is integrated into the mobile station.

16. (Previously presented) The arrangement of claim 11, wherein the measurement unit is configured to measure voltage of the electric test signal over the device; and
wherein the analyser is configured to determine the electric response of the device to the electric test signal, based on the voltage.

17. (Previously presented) The arrangement of claim 11, wherein the signal generator is configured to generate a predefined electric test signal for testing a device with a known electric response to the predefined electric test signal; and
wherein the evaluating unit is configured to evaluate performance of the device based on the known electric response and the electric response of the device to the electric test signal.

18. (Previously presented) The arrangement of claim 11, wherein an input impedance of the measurement unit is chosen such that the accuracy of the electric response of the device to the electric test signal is above a predefined value.

19. (Previously presented) The arrangement of claim 11, wherein the mobile station comprises a plurality of devices with a plurality of feeding lines;

wherein the mobile station comprises a switching unit for connecting the measurement unit to the feeding line of the device of a plurality of devices one at a time; and

wherein the measurement unit is configured to measure the electric quantity from the feeding line of the device from a plurality of devices.

20. (Previously presented) The arrangement of claim 11, wherein the device is a peripheral device.